

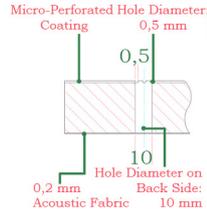
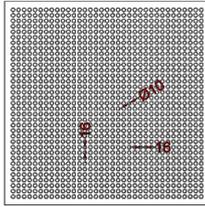
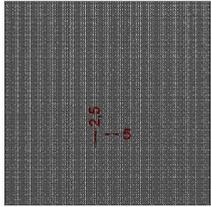
MicroESK panels feature perforations that are only noticeable upon close inspection. They provide high sound absorption performance across a wide frequency range.

When enclosed spaces are covered with MicroESK panels, a high level of acoustic control is achieved. This helps to significantly reduce and absorb disturbing noises generated by machinery and mechanical equipment within the space.

Available perforation diameters are 0.5 mm, 1 mm, 1.5 mm, 2 mm, and 3 mm.

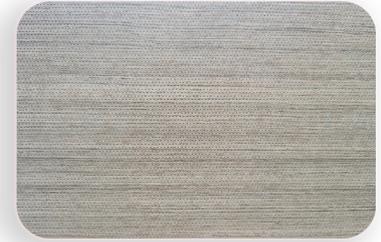
### Core Material

750 kg/m<sup>3</sup> density MDF or fire-retardant MDF



### Surface Options

Natural Veneer, Engineered Veneer, Laminate Finish, MDFLAM, Lacquer Paint



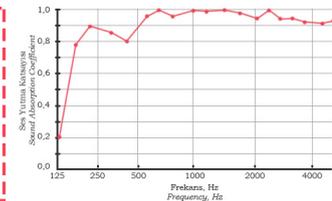
### DIMENSIONS

Width	Length	Thickness
<b>517 mm</b>	<b>1381 mm</b>	8, 12, <b>18 mm</b>
133 mm	2780 mm	8, 10, 18 mm
293 mm	2780 mm	8, 10, 18 mm
517 mm	2780 mm	8, 10, 18 mm
1029 mm	2780 mm	8, 10, 18 mm
581 mm	1180 mm	8, 10, 18 mm

Production in custom sizes is possible within the dimensional limitations of the core materials.

### Acoustic Performance

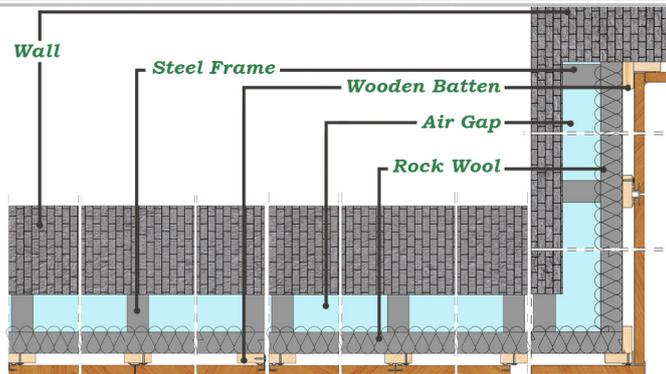
For optimal acoustic performance, the panel should be backed with 50 kg/m<sup>3</sup> density glass wool or stone wool, 50 mm thick.



Euro NRC  
A 0,92

### Installation Detail (Wall)

#### Omega Profile



The Omega profile is suitable for mounting wall panels and is offered in five different profile variants. This system can also be utilized for ceiling panel installations.

#### Biscuit

#### Tongue & Groove



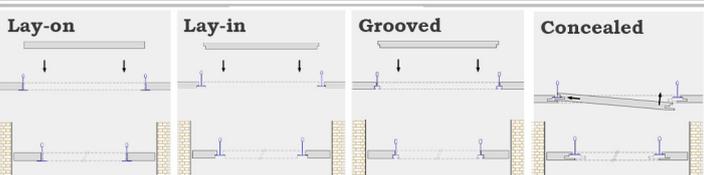
### Installation Detail (Ceiling)

Two different support systems are used for our ceiling panels: classic and modern.



#### Classic

#### Modern



### Edge Details

Tongue & Groove, Clip System, Biscuit, Omega Profile

### Back Surface

Perforation Density: 4,000 holes/m<sup>2</sup>  
Center-to-Center Hole Spacing: 16x16 mm  
Hole Diameter: 10 mm

### Fire Resistance Class

B s2 d0

### Ceiling Carrier System Components

The panels can be supported by T-profiles including T24, T15, and T24 Concealed Carrier profiles, and are also compatible with tongue-and-groove joint systems.

